

# ATTORNEY DOCKET NO. 04156.0012U1 PATENT

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
SANDIG, et al.	) Art Unit: unassigned
Application No. 10/530,224	) Examiner: unassigned
International Filing Date: October 6, 2003	) Confirmation No. unassigned
For: HIGH YIELD HETEROLOGOUS EXPRESSION CELL LINES FOR EXPRESSION OF GENE PRODUCTS WITH HUMAN GLYCOSYLATION BATTERN	) ) ) )
PATTERN	)

## INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. §1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

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### CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

#### Complete if Known **Application Number** 10/530.224 INFORMATION DISCLOSURE Intl. Filing Date October 16, 2003 STATEMENT LIST First Named Inventor Sandig et al. (Use as many sheets as necessary) **Group Art Unit** Unassigned **Examiner Name** Unassigned U.S. PATENT DOCUMENTS Mary Trace Examiner's Cite Document No. Date Name Class Subclass Filing Date (if appropriate Initials No. FOREIGN PATENT DOCUMENTS Examiner's Cite Date Foreign Patent Document Name Translation Country Code-Number-Kind Code Initials No. Yes/No **A**1 WO 00/63410 10/26/00 Einstein Coll Med; Mass Inst Tech. A2 WO 02/08409 01/31/02 Ow NON-PATENT DOCUMENTS Examiner's Cite Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) Initials No. Fernandez and Lolis Structural studies of chemokines that inhibit HIV-1 entry. Antivir Chem **A3** Chemother, 2001;12 Suppl 1:43-49. A4 Feng et al, Site-specific chromosomal integration in mammalian cells: highly efficient CRE recombinase-mediated cassette exchange. J Mol Biol. 1999 Oct 1;292(4):779-785. **A5** Fussenegger, et al., Genetic optimization of recombinant glycoprotein production by mammalian cells. Trends Biotechnol. 1999 Jan;17(1):35-42. A6 Esperet et al. Non-erythroid genes inserted on either side of human HS-40 impair the activation of its natural alpha-globin gene targets without being themselves preferentially activated. J. Biol. Chem. 2000;275(33):25831-25839 A7 Garber, Biotech industry faces new bottleneck. Nat Biotechnol. 2001 Mar; 19(3):184-185. **8A** Groth et al. A phage integrase directs efficient site-specific integration in human cells. Proc Natl Acad Sci U S A. 2000 May 23;97(11):5995-6000. A9 Hollenberg and Gelissen, Production of recombinant proteins by methylotrophic yeasts. Curr Opin Biotechnol. 1997 Oct;8(5):554-560. A10 Karreman et al., On the use of double FLP recognition targets (FRTs) in the LTR of retroviruses for the construction of high producer cell lines. Nucleic Acids Res. 1996 May 1;24(9):1616-1624. A11 Noguchi et al., Immunogenicity of N-glycolylneuraminic acid-containing carbohydrate chains of recombinant human erythropoietin expressed in Chinese hamster ovary cells. J Biochem (Tokyo). 1995 Jan;117(1):59-62. A12 Schlake T, Bode J. Use of mutated FLP recognition target (FRT) sites for the exchange of expression cassettes at defined chromosomal loci. Biochemistry, 1994 Nov 1;33(43):12746-51. A13 Trinh et al., Site-specific and directional gene replacement mediated by Cre recombinase. J Immunol Methods. 2000 Oct 20;244(1-2):185-193. **Examiner Signature:** Date Considered: EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.